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ABSTRACT

This volume presents thoughts on measuring team performance written by experts currently working with teams in fields such as training, evaluation, and process consultation. The chapters are: (1) "An Overview of Team Performance Measurement" (Michael T. Brannick and Carolyn Prince); (2) "A Conceptual Framework for Teamwork Measurement" (Terry L. Dickinson and Robert M. McIntyre); (3) "A Framework for Developing Team Performance Measures in Training" (Janis A. Cannon-Bowers and Eduardo Salas); (4) "Conceptual Development and Empirical Evaluation of Measures of Shared Mental Models as Indicators of Team Effectiveness" (Kurt Kraiger and Lucy H. Wenzel); (5) "Team Workload: Its Meaning and Measurement" (Clint A. Bowers, Curt C. Braun, and Ben B. Morgan, Jr.); (6) "Team Decision-Making Accuracy under Difficult Conditions: Construct Validation of Potential Manipulations Using TIDE [squared] Simulation" (John R. Hollenbeck, Douglas J. Sego, Daniel R. Ilgen, Debra A. Major, Jennifer Hedlund, and Jean Phillips"; (7) "Team Performance Measurement in Distributed Environments: The TARGETs Methodology" (Daniel J. Dwyer, Jennifer E. Fowlkes, Randall L. Oser, Eduardo Salas, and Norman E. Lane); (8) "The Measurement of Team Performance with a Standardized Survey" (Glenn Hallam and David Campbell); (9) "Assessing Processes within and between Organizational Teams: A Nuclear Power Plant Example" (John E. Mathieu and David V. Day); (10) "Task and Aggregation Issues in the Analysis and Assessment of Team Performance" (Paul Tesluk, John E. Mathieu, Stephen J. Zaccaro, and Michelle Marks); (11) "Behind the Scenes: Fieldtesting a Measure of Effectiveness for Theater Teams" (Judith L. Komaki); (12) "Assessment of Nuclear Power Plant Crew Performance Variability" (Jody L. Toquam, Jennifer L. Macaulay, Curtis D. Westra, Yushi Fujita, and Susan E. Murphy); (13) "The Measurement of Team Process Behaviors in the Cockpit: Lessons Learned" (Ashley Prince, Michael T. Brannick, Carolyn Prince, and Eduardo Salas); (14) "Performance Measurement Tools for Enhancing Team Decision-Making Training" (Joan Hall Johnston, Kimberly A. Smith-Jentsch, and Janis A. Cannon-Bowers); and (15) "Principles for Measuring Teamwork: A Summary and Look toward the Future" (David P. Baker and Eduardo Salas). Each chapter contains references. (Contains 25 figures and 36 tables.) (SLD)

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